

Anesthesia for Laparoscopic Cholecystectomy in Pigs

S. Pausawasdi M.D.*, T. Virangkabutra M.D.*, J. Wacharasindhu M.D.*,

S. Srisawasdi M.D.*, K. Phongthana M.D.*, L. Srivijit M.D.**

*Department of Anesthesiology, Ramathibodi Hospital, Mahidol University.

**Department of Anesthesiology, Phumipol Hospital

Occasionally, anesthesiologists may take responsibility of veterinary anesthesia in some researches or studies. There are many anesthetic methods which depend on the nature of the operation; its magnitude, site and duration. Our group tries to choose the simple and safe anesthetic method for laparoscopic cholecystectomy in pigs.

Totally 29 pigs were studied, 7 pigs were anesthetized simultaneously, age between 3-4 months, weight 20-25 kg. Ketamine 100 mg, midazolam 5 mg, atropine sulfate 0.6 mg. Were injected intramuscularly for induction. After the pig felt asleep, we started intravenous fluid at the ear, adding nembutal 50 mg intravenously before intubation, using endotracheal tube No. 5.0-6.0. During operation ketamine infusion and nembutal 25-50 mg were given intravenously for proper anesthetic level.

Anesthetic time was about 64 minutes. Average anesthetic doses, nembutal was 132 mg/hr, ketamine was 144 mg/hr. The pigs were extubated within 30 minutes after operation. All are well and still alive till now.